

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	09/998861	US-PGPUB; USPAT; EPO; JPO; DERWENT	NEAR	ON	2005/12/29 14:47
L2	5	Ericson johan	US-PGPUB; USPAT; EPO; JPO; DERWENT	NEAR	ON	2005/12/29 14:47
L3	45	James Briscoe	US-PGPUB; USPAT; EPO; JPO; DERWENT	NEAR	ON	2005/12/29 14:47
L4	17	John Rubenstein	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2005/12/29 14:47
L5	226	NKx2\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2005/12/29 14:47
L6	965	Grg\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2005/12/29 14:47
L7	7	L5 and L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2005/12/29 14:47
L8	167	Groucho-interacting Groucho-corepressor Groucho	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/29 14:48
L9	1	Groucho-interacting Groucho-corepressor complex	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2005/12/29 14:48
L10	16	Grg4	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2005/12/29 14:49
L11	77	"NKx2.2"	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2005/12/29 14:49
L12	2	l10 and l11	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2005/12/29 14:49
L13	11	L5 and L8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/29 14:50

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(FILE 'MEDLINE, CANCERLIT, AGRICOLA, CAPLUS, SCISEARCH' ENTERED AT
14:53:30 ON 29 DEC 2005)

DEL HIS

L1 3173 S NKX?
L2 2543 S GRG?
L3 2 S L1 (L) L2
L4 383 S NKX2.2
L5 47 S GRG4
L6 1 S L4 AND L5
L7 809 S GROUCHO?
L8 127 S L7 AND (L1 OR L2)
L9 39 S L7 AND (L4 OR L5)
L10 9 S L9 AND PY<=2000
L11 45 S L8 AND PY<=2000
L12 4 DUP REM L10 (5 DUPLICATES REMOVED)
L13 19 DUP REM L11 (26 DUPLICATES REMOVED)
L14 19 S L12 OR L13
L15 3 S L14 AND NEURO?

=> d an ti so au ab l3 2

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2001:248112 CAPLUS
DN 134:338629
TI Groucho-mediated transcriptional repression establishes progenitor cell
pattern and neuronal fate in the ventral neural tube
SO Cell (Cambridge, MA, United States) (2001), 104(6), 861-873
CODEN: CELLB5; ISSN: 0092-8674
AU Muhr, Jonas; Andersson, Elisabet; Persson, Madelen; Jessell, Thomas M.;
Ericson, Johan
AB The pattern of neuronal specification in the ventral neural tube is
controlled by homeodomain transcription factors expressed by neural
progenitor cells, but no general logic has emerged to explain how these
proteins determine neuronal fate. We show that most of these homeodomain
proteins possess a conserved ehl motif that mediates the recruitment of
Gro/TLE corepressors. The ehl motif underlies the function of these
proteins as repressors during neural patterning in vivo. Inhibition of
Gro/TLE-mediated repression in vivo results in a deregulation of cell
pattern in the neural tube. These results imply that the pattern of
neurogenesis in the neural tube is achieved through the spatially
controlled repression of transcriptional repressors-a derepression
strategy of neuronal fate specification.

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